

CONTACT

Email
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Location
Lublin, Poland

LinkedIn
linkedin.com/in/marek-dadej

GitHub
github.com/marekdadej

Useme
useme.com/marek-dadej

Portfolio
marekdadej.vercel.app

SKILLS

Frontend
TypeScript, React,
Next.js, Vite, Tailwind

3D
Three.js, R3F,
WebGL, Blender, GLTF

Backend
C#, .NET, ASP.NET,
Node.js, REST API

Data
PostgreSQL, Supabase,
EF Core, SQLite

LANGUAGES

Polish - native

English - intermediate

Marek Dadej

Full-Stack & 3D Web Engineer

3D web configurators · B2B SaaS · React / Next.js / .NET

PROFILE

Software Engineer specializing in interactive 3D web apps (WebGL / Three.js) and dedicated business systems (React / Next.js / .NET). Helps companies turn engineering and sales logic into browser tools - stage configurators with BOM export and multi-tenant B2B SaaS. Open to full-stack / front-end roles and freelance work.

EXPERIENCE

Full-Stack & 3D Web Engineer

Agencja Eventer · Apr 2023 - Sep 2026 · Remote

Architecture and delivery of a 3D stage configurator (WebGL, Three.js, React): real-time parametric logic, model optimization, Supabase/PostgreSQL integration, automatic BOM export.

Lead IT Specialist & Software Developer

Agencja Eventer · Jan 2022 - Mar 2023 · Hybrid

IT infrastructure and internal apps for event logistics automation: gear tracking, warehouse bookings, digitizing operational processes.

Junior Full-Stack Developer

GESS STUDIO sp. z o.o. · Sep 2020 - Oct 2021 · Warsaw, Hybrid

Responsive web apps and REST API endpoints: React/TypeScript UI components, SQL query optimization, CI/CD and Git.

Software Engineering Intern

GESS STUDIO sp. z o.o. · Jan 2020 - Jun 2020 · Warsaw

Internship focused on fundamentals: JavaScript UI layouts, basic database queries, Git and testing.

PROJECTS

3D Stage Structure Configurator

Three.js · WebGL · React · C#

Engineering thesis and event-industry configurator: modular truss / Layher / Prolyte assembly in the browser, GLTF/GLB optimization, BOM export.

Avenar

.NET 8 · EF Core · React · Stripe · JWT

Multi-tenant B2B operations hub / SaaS with Zero Trust isolation, warehouse, fleet, BHP vault, activity log and Stripe billing. Product founder.

Avenar Travel

Next.js · TypeScript · Tailwind · PWA

Travel planner PWA with Leaflet maps, offline currency cache and installable app. Live: avenar-travel.vercel.app

CompliNode

.NET · Blazor · OT / ICS

OT/ICS security platform: network agent, API-key ingestion, anomaly rules (e.g. Modbus TCP), multi-tenant incident dashboard.

EDUCATION

Master of Science, Computer Science

WSEI University · Mar 2026 - Mar 2028

Bachelor of Engineering, Computer Science - Programming

WSEI University · Oct 2022 - Mar 2026

Thesis: interactive 3D stage structure configurator.